

## CLAIMS

1. A two-way messaging system for message redundancy  
 5 reduction, comprising:

a two-way messaging terminal for:

10 sending a non-reduced messaging signal to a receiving two-way messaging device in response to receiving from a sending two-way messaging device a redundancy reduced signal including codes representative of one or message components to be displayed by the receiving two-way messaging device as part of a message, and thereafter

15 sending a reduced messaging signal to the receiving two-way messaging device in response to receiving from the sending two-way messaging device a second redundancy reduced signal including codes representative of one or more message components to be displayed by the receiving two-way messaging device as part of a second message; and

20 the receiving two-way messaging device for:

25 responding to the non-reduced messaging signal by displaying the message contained within the non-reduced messaging signal, and

30 responding to the reduced messaging signal by displaying the second message with the message components represented by the codes received in the reduced messaging signal.

2. The two-way messaging system as recited in claim 1 wherein the message component is a signature of the sending two-way messaging device.
- 5 3. The two-way messaging system as recited in claim 1 wherein the message component is a greeting of the sending two-way messaging device.
- 10 4. The two-way messaging system as recited in claim 1 wherein the message component is an original message segment.
- 15 5. The two-way messaging system as recited in claim 1 wherein the receiving two-way messaging device comprises:  
a memory for storing the message components;  
a microprocessor coupled to the memory for retrieving the stored message components; and  
a display coupled to the microprocessor for displaying the message including the message components in response  
20 from a command from the microprocessor.
6. The two-way messaging system of claim 5 further comprising:  
a transceiver, coupled to the microprocessor and  
25 responsive to commands from the microprocessor, for transmitting a request message to the two-way messaging terminal requesting refreshment of the memory of the receiving two-way messaging device when one or more of the message components is not contained in the memory.
- 30 7. The two-way messaging system of claim 1 wherein the second redundancy reduced signal sent from the two-way

5 messaging terminal in  
further wherein the r  
responds to the messa  
message segment to th

[illegible]

8 A two-way messaging system for message redundancy reduction, comprising:

5 a sending two-way messaging device, wherein the sending two-way messaging device transmits a signature message comprising:

a header including a preamble having a sending device identification,

10 a messaging terminal address for identifying a two-way messaging terminal to which the signature message is intended for, and

a signature; and

the two-way messaging terminal, wherein the two-way messaging terminal comprises:

15 a terminal transceiver for receiving the signature message from the sending two-way messaging device,

a terminal memory for storing the signature and associated sending device identification in response to receiving the signature message.

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9. The two-way messaging system for message redundancy reduction as recited in Claim 8 further comprising:

a receiving two-way messaging device,

25 wherein the sending two-way messaging device sends a redundancy reduced signal to the two-way messaging terminal, wherein the redundancy reduced signal comprises:

a preamble including the sending device identification,

30 one or more status bits for indicating redundancy reduction,

a receiving two-way messaging device address, and a message data,

and further wherein the two-way messaging terminal in response to receiving the redundancy reduced signal retrieves the signature from memory using the sending device identification and appends the signature to the message data, and further wherein the two-way messaging terminal transmits the message data including the signature to the receiving two-way messaging device.

10. The two-way messaging system for message redundancy reduction as recited in Claim 8 further comprising:

a receiving two-way messaging device having a memory and a display,

wherein the sending two-way messaging device sends a redundancy reduced signal to the receiving two-way messaging device, wherein the redundancy reduced signal comprises:

a preamble including the sending device identification,

one or more status bits for indicating redundancy reduction,

a receiving two-way messaging device address, and a message data,

and further wherein the receiving two-way messaging device in response to receiving the redundancy reduced signal retrieves the signature from the memory using the sending device identification, and further wherein the receiving two-way messaging device display the message data and the signature on the display.

11. The two-way messaging system for message redundancy reduction as recited in Claim 10 wherein the status bits of the redundancy reduced signal further includes a status bit indicating the addition of a greeting, and further wherein

the receiving two-way messaging device in response to receiving the redundancy reduced signal retrieves the greeting from the memory, and further wherein the receiving two-way messaging device displays the greeting along with the message data and the signature on the display.

12. The two-way messaging system for message redundancy reduction as recited in Claim 10 wherein the status bits of the redundancy reduced signal further includes a status bit indicating the addition of an original message segment, and further wherein the receiving two-way messaging device in response to receiving the redundancy reduced signal retrieves the original message segment from the memory, and further wherein the receiving two-way messaging device displays the original message segment along with the message data and the signature on the display.

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